WHAT IS CLAIMED IS:

1. A mobile communication device for being coupled to an external device having a short-distance wireless communication function and a server on a network in a manner to enable communications for exchanging data with the external device and

5　　the server in accordance with a predetermined protocol, comprising:

short-distance wireless reception means for receiving data from the external device;

network reception means for receiving data from the

10　　server;

short-distance wireless transmission means for transmitting data to the external device;

network transmission means for transmitting data to the server;

15　　instruction data receiving means for receiving instruction data from an external source prior to performing a set of data exchanges, wherein the instruction data indicates a protocol in which the set of data exchanges are to be performed;

analysis means for analyzing the instruction data

20　　received by the instruction data receiving means; and

switching means for selecting one or more of the short-distance wireless reception means, the network reception means, the short-distance wireless transmission means, and the

22

network transmission means to create a data transmission/reception path for allowing the set of data exchanges with the external device and the server to occur in accordance with the predetermined protocol, wherein the predetermined protocol is based on an analysis result of the instruction data by the analysis means.

2. The mobile communication device according to claim 1, wherein the instruction data is described in XML (Extensible Markup Language).

3. The mobile communication device according to claim 1, wherein the instruction data comprises an instruction for transferring predetermined data from one of the server or the external device to the other.

4. The mobile communication device according to claim 1, wherein the instruction data comprises address information for designating a destination to be accessed when exchanging data with the server.

5. The mobile communication device according to claim 1, wherein the instruction data comprises a session ID, and
wherein the mobile communication device further comprises:

23

5   session ID addition means for adding to transmission

data the session ID contained in the instruction data analyzed

by the analysis means.

6. A data communication method for exchanging data with

an external device having a short-distance wireless communication

function and a server on a network in accordance with a

predetermined protocol, by using a mobile communication device

5   coupled to and capable of communicating with the external device

and the server, comprising:

an instruction data receiving step of receiving

instruction data from an external source prior to performing a

set of data exchanges, wherein the instruction data indicates a

10   protocol in which the set of data exchanges are to be performed;

an analysis step of analyzing the received instruction

data; and

a data communication step of performing the set of data

exchanges with the external device and the server in accordance

15   with the predetermined protocol, wherein the predetermined

protocol is based on an analysis result of the instruction data.

7. The data communication method according to claim 6,

wherein the instruction data is described in XML (Extensible

Markup Language).

24

8. The data communication method according to claim 6, wherein the instruction data comprises an instruction for transferring predetermined data from one of the server or the external device to the other.

9. The data communication method according to claim 6, wherein the instruction data comprises address information for designating a destination to be accessed when exchanging data with the server.

10. The data communication method according to claim 6, wherein the instruction data comprises a session ID, and

wherein the method further comprises:

a session ID addition step of adding to transmission data the session ID contained in the instruction data analyzed by the analysis step.